

## ANNUAL REPORT

### General Permit for the Discharger of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

*(See Small MS4 Annual Report Guidance for additional guidance on completing this Annual Report Form)*

Check box if this is a new name, address, etc.

**A. Permittee Information**

1. Permittee (Agency Name): SOLANO COUNTY
2. Contact Person: Matt Tuggle, Civil Engineer
3. Mailing Address: 470 Chadbourne Road #200
4. City, State and Zip Code: Fairfield, Ca 94534
5. Contact Phone Number: 707-421-6765
6. WDID # \_\_\_\_\_
7. Have any areas been added to the MS4 due to annexation or other legal means?  YES  NO  
If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit?  YES  NO  
If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form.

- B. Reporting Period** (check one):  Coverage Commencement (May 19, 2004) to June 30, 2004 **-or-**
- July 1, 2004 to June 30, 2005  
 July 1, 2005 to June 30, 2006  
 July 1, 2006 to June 30, 2007  
 July 1, 2007 to June 30, 2008
- (Report is due by September 15 each year)*

**C. Executive Summary**

**On March 19, 2004, Solano County’s Storm Water Management Plan was posted for solicitation of public comment by the State Water Resources Control Board as mandated by the Phase II permitting process. As part of the County’s local responsibility for solicitation of public comment, a presentation to the Board of Supervisors was performed on April 13, 2004. Notice of this presentation was submitted to the 3 largest local newspapers. In addition, a presentation was also provided to the local Agricultural Advisory Committee on April 14, 2004. No comments were received on either the State or local levels.**

**On May 19, 2004, Solano County received Phase II General Permit coverage.**

**For the reporting period of this Annual Report (May 19 to June 30), Solano County had 41 days to implement the fiscal year 2003-2004 goals in its SWMP. Since the time allowed was too short for effective implementation of all the year 2003-2004 goals, some of the measurable goals in Section 6 of the SWMP have been revised to year 2004-2005. A copy of the County's revised Section 6 is attached.**

**In anticipation of the new NPDES Phase II requirements, Solano County enacted a new Building Permit storm water plan check fee, beginning July 1, 2004, for new development and redevelopment projects. The additional building permit plan check fee covers the expense of County plan checkers reviewing individual grading and building projects for storm water compliance with existing County Ordinance and new State requirements. The Building Official, Senior Building Inspector, Structural Plan Check Engineer, Grading/Civil Engineer, and Permit Technicians underwent training to apply the fee to applicable projects and to begin incorporating storm water plan check reviews and comments. A copy of the Board of Supervisors (BOS) Agenda Submittal for the fee addition is attached.**

**D. Minimum Control Measures**

Report on the status and effectiveness of BMPs and measurable goals by completely answering the following questions. Include any proposed modifications to the SWMP and anticipated changes to the schedule. You may use the tables provided and use narrative sections to highlight information. Alternatively, you may wish to only provide information in a narrative format. If the “Status of Measurable Goals” question is completely addressed by the table, you may write “see table” in that narrative section.

**1. Administration, Planning, and Funding**

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
A1. Assess existing program elements	Need to modify implementation date from 2003-2004 to 2004-2005			X			
A2.a Evaluate storm water program ordinance	Need to modify implementation date from 2003-2004 and 2004-2005 to just 2004-2005.			X			
A3.a Evaluate existing maps	Need to modify implementation date from 2003-2004 to 2004-2005			X			
A4.a Assess pollutants of concern	Need to modify implementation date from 2003-2004 and 2004-2005 to just 2004-2005.			X			
A6. Expand Glossary	Need to modify implementation date from 2003-2004 to 2004-2005			X			
A7. Assess appropriate effectiveness measures	Need to modify implementation date from 2003-2004 and 2004-2005 to 2004-2005 and 2005-2006.			X			
A9. Review all existing ordinances	Need to modify implementation date from 2003-2004 and 2004-2005 to just 2004-2005.			X			

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

Due to lack of time in the year 2003-2004, timelines have been modified for the measurable goals.

- b. Present results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

<b>BMP</b>	<b>Description</b>	<b>Status</b>					
		<b>Implemented</b>	<b>Not Applicable</b>	<b>Modified</b>	<b>Effective</b>	<b>Unknown</b>	<b>Not Effective</b>
B1.a Outreach to local gov't officials	Develop presentation to inform local gov't officials of the NPDES Ph. II requirements. See attached Presentation.	X			X		
B1.b Give presentation at local BOS	Give presentation at local BOS meetings. See attached staff report.	X			X		
B2 Outreach at public events	Presentation provided to local Agricultural Advisory Committee. See attached Presentation.	X			X		

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

N/A

- d. Present results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- e. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

N/A

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

### 3. Public Involvement and Participation

<b>BMP</b>	<b>Description</b>	<b>Status</b>					
		<b>Implemented</b>	<b>Not Applicable</b>	<b>Modified<sup>1</sup></b>	<b>Effective</b>	<b>Unknown</b>	<b>Not Effective</b>
C1. Assess value for Citizen's Advisory Committee	Solicit BOS for potential of Citizens Advisory Committee – Modified implementation dates from 2003-2004 and 2004-2005 to just 2004-2005.			X			
C2. Public Review of SWMP	Solicited comments from public and BOS through BOS meeting, Agricultural Advisory Committee meeting, State noticing, and local newspaper noticing. No comments received.	X			X		
C3. Public Clean-up days	Coastal Clean-up Day, Putah Creek Clean-up day	X			X		

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

Due to lack of time in the year 2003-2004, some timelines have been modified for the measurable goals.

b. Results of information collected and analyzed, if any, during the reporting period, including any

monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

N/A

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

**4. Illicit Discharge Detection and Elimination**

<b>BMP</b>	<b>Description</b>	<b>Status</b>					
		<b>Implemented</b>	<b>Not Applicable</b>	<b>Modified<sup>1</sup></b>	<b>Effective</b>	<b>Unknown</b>	<b>Not Effective</b>
D1. Assess existing system for illicit discharge investigations	Need to modify implementation date from 2003-2004 to 2004-2005			X			
D3. Identify staff needs to implement illicit discharge system	Need to modify implementation date from 2003-2004 and 2004-2005 to just 2004-2005.			X			
D4. Evaluate need for new policy	As above in D3.			X			

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

Due to lack of time in the year 2003-2004, some timelines have been modified for the measurable goals.

- b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

N/A

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

**5. Construction Site Storm Water Control**

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified<sup>1</sup></i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
E1.a Assess Ch.'s 9 and 31 for needed changes	Need to modify implementation date from 2003-2004 to 2004-2005			X			
E1.b Assess Ch.'s 9 and 31 for needed changes	Need to modify implementation date from 2003-2004 and 2004-2005 to just 2004-2005.			X			
E4. Field Inspection of BMP's	Every open permit in Fall of 2003 and every closed (finaled) permit in 2003-2004 had their erosion and sediment controls inspected. Goal ongoing. Building permits will be added 2004-2005.	X			X		
E5. Plan review for BMP's	Every grading permit in 2003-2004 was plan checked for appropriate storm water BMP's. Goal ongoing.	X			X		

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

N/A

- b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

Due to lack of time in the year 2003-2004, some timelines have been modified for the measurable goals.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

## 6. Post-Construction Storm Water Management

If your community is subject to Attachment 4 (Supplemental Provisions) of the General Permit, note your compliance with and progress implementing the Design Standards in this section, if applicable.

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified<sup>1</sup></i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
F1.a Evaluate existing ordinance for needed changes	Need to modify implementation date from 2003-2004 to 2004-2005			X			
F1.c Evaluate existing ordinance for needed changes	Need to modify implementation date from 2003-2004, 2004-2005, and 2005-2006 to just 2004-2005 and 2005-2006.			X			
F3. Field Inspection of BMP's	Every closed (final) grading permit in 2003-2004 had the post-construction storm water improvements inspected. Goal ongoing. Building permits will be added 2004-2005.	X			X		
F4. Plan review for BMP's	Every grading permit in 2003-2004 had a post construction storm water controls plan review requirement. Goal ongoing. Building permits will be added 2004-2005.	X			X		
F6. Provide roadside vegetative buffers	New roads constructed in 2003-2004 were required to have at least 4 foot wide shoulders on each side of the road with bioswales built in for the drainage. New roads include Skyhawk Lane, Linda Vista Lane, Gates Canyon Road extension, Brehme Lane upgrades, and Solitude Court.	X			X		

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. **Proposed Modifications**

Due to lack of time in the year 2003-2004, some timelines have been modified for the measurable goals.

- b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

N/A

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

**7. Pollution Prevention and Good Housekeeping for Municipal Operations**

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<b>Implemented</b>	<b>Not Applicable</b>	<b>Modified<sup>1</sup></b>	<b>Effective</b>	<b>Unknown</b>	<b>Not Effective</b>
G1. Assess existing program for adequacy	Need to modify implementation date from 2003-2004 to 2004-2005			X			
G3. Clean streets/roads	Continued road sweeping and cleaning during Public Works projects on existing streets, which included Cantelow Road, Gibson Canyon Road, Pleasants Valley Road, Sweeney Creek cleanup, and Hartley Road. Goal ongoing.	X			X		
G5. Provide erosion control maintenance	Erosion control work on needed sections of County roadways were performed on Gibson Canyon Road, Cantelow Road, Sweeney Creek cleanup, and Pleasants Valley Road. Goal ongoing.	X			X		
G7. Abate abandoned and inoperable vehicles	790 abandoned/inoperable vehicles were abated in 2003-2004. Goal ongoing.	X			X		

a. BMPs

i. General summary

N/A

ii. Status of Measurable Goals

N/A

iii. Appropriateness

N/A

iv. Effectiveness

N/A

v. Proposed Modifications

N/A

- b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

N/A

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

N/A

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation

**E. Certification**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

*Birgitta E. Corsetto*

*9/14/04*

Signature of Permittee (legally responsible person)

Date Signed

*Birgitta E. Corsetto, Director*

Name (printed)

*Department of Resource Management*

Title

*(Formerly Dept of Environmental Management)*

### Administration, Planning, and Funding

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience	Implementer(s)
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
A1.	Assess existing program elements		x			Review existing program structure and elements	List made of apparent deficiencies		Implementers	Department of Environmental Management
A2.a	Evaluate storm water program ordinance		x			Use existing workgroups to Identify needed changes to County Ordinance	Workgroup report on needed changes	Implementers		
A2.b			x	x		Get public input on proposed ordinance changes	Propose to Water Agency and Ag Advisory Committees, receive minutes	Public		
A2.c			x	x		Draft new Ordinance language	Ordinance created			
A2.d				x	x	Adopt new County Ordinance if recommended	Board of Supervisors approval of new ordinance	Board of Supervisors		
A2.e					x	x	Create final draft of the SWMP	Reproduce and distribute SWMP	Implementers	
A3.a	Evaluate existing maps of land uses and watersheds in urbanized areas, revise if necessary		x			Collect all available maps on land uses and watersheds.	Information compiled	Implementers		
A3.b			x			Identify holes.	Holes identified			
A3.c			x	x		Collect data to fill in data gaps	Data gaps filled			
A3.d					x	Draw final map.	Final maps of watersheds and current land uses completed			
A4.a	Assess pollutants of concern for urbanized areas	x	x			Compile existing studies on waterways/waterbodies in/around urbanized areas beyond those identified in the 303d list	Listing of waterways/waterbodies with their corresponding pollutants of concern in addition to the 303d list	Implementers		
A4.b			x	x		Determine additional pollutants of concern as current land uses are confirmed	Listing of land uses with their corresponding pollutants of concern			

### Administration, Planning, and Funding

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience	Implementer(s)
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
A4.c			x	x	x	Determine actions needed to reduce targetted pollutants from sources	Listing of recommended actions to reduce target pollutants		Implementers and Public/Business	
A4.d		x	x	x		Map pollutants of concern	Current maps depicting pollutants of concern		Implementers	
A5.	Assess potential for staffing and possible storm water coordinator position		x	x		DEM discussion of SWMP, funding, and existing positions with Board of Supervisors	Board of Supervisors decision on position, and hire if approved			
A6.	Expand Glossary		x			Expand glossary with terms	SWMP updated with new glossary		Implementers	Department of Environmental Management
A7.	Assess appropriate effectiveness measure		x	x		Need to assess and define some goals with effectiveness measures.	SWMP measurable goals updated with some noted effectiveness measures		Implementers	Department of Environmental Management
A8.	Develop an Enforcement Response Plan		x	x		Create a list of staff from D3 and detail policy and procedure for enforcement response	Enforcement Response Plan provided to all responsible staff		Implementers	Department of Environmental Management
A9.	Review all existing ordinances		x			Review existing ordinances in Section 9 involved with storm water pollution and revise if necessary (See A2)	Revisions (if necessary) approved through Board of Supervisors		Implementers	Department of Environmental Management

## Public Education

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)			
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008								
B1.a	Outreach to local government officials.					Develop presentation to inform local government officials of the importance of reducing storm water pollution, the regulatory requirements, and the local Storm Water Pollution Prevention Plan	Completed PowerPoint presentation (See existing Phase II presentations for possible use)	Only rain down the storm drain	Local government officials and committees	Planning Division			
B1.b	x	x	x										
B1.c													
B2.	Outreach at public events and to local children					Continue to provide information at public events and to local children of the importance of reducing storm water pollution	Track number of events	Only rain down the storm drain	Public and children				
B3.	Outreach to permittees										Create a handout for building, grading, and encroachment permit applicants which describes the storm water program and goals	Track number of handouts	Permittees & Contractors
B4.	Assess outreach possibilities												

**Public Participation/Involvement**

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
C1.	Assess the value/purpose of a Citizens' Advisory Committee					Solicit BOS for potential of a Citizens Advisory Committee, proceed if reasonable	Report of meeting minutes	Help control the discharge of pollutants into the storm drain	Public	Department of Environmental Management
C2.a	x	x	x	x		Solicit written comments on Storm Water Management Plan from BOS, public advisory	Comments provided in writing and meeting minutes	Help control the discharge of pollutants into the storm drain		
C2.b	x	x	x	x		Invite public to comment on Stormwater Management Plan as required by State and local public notice requirements	SWMP noticed for public review			
C2.c	x	x	x	x		Respond to comments	Response to comments			
C2.d		x	x	x	x	Revise Storm Water Management Plan based on comments	Final Storm Water Management Plan			
C3.	Public Clean-up days					Continue trash cleanup of local creeks and waterways	Track participation and determine pounds of trash collected	Keep creeks and waterways clean		

## Illicit Discharge Detection and Elimination

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
D1.	Assess existing system to effectively conduct illicit discharge screenings and investigations		x				Review protocols used to investigate illicit discharges	Review complete with report of data entered and deficiencies	Only rain down the storm drain	Inspection staff	Environmental Health
D2.	Assess existing data base used to track illicit discharge reports and follow-up actions		x				Review existing data base and other agencies' data bases - Discussion of related data in text of SWMP	Review complete with report of data entered and deficiencies			
D3.a	Identify staff needs to implement illicit discharges' program		x				Identify existing staff who conduct follow-up, elimination, and clean-up of illicit discharges	Staff identified, needs outlined (if any)			
D3.b			x				Establish a contact list of staff dedicated to receiving information about non-storm water discharge	Phone number, email address, and staff identified			
D4.a	Evaluate need for adoption of new policy, proceed if necessary		x				Review existing policy and other agencies' ordinances	Review complete with report of deficiencies			
D4.b			x	x			Revise and adapt existing policy	Internal Department policy enacted			
D5.	Upgrade data base reporting system			x			Upgrade database system based on deficiencies found in D2	Data base updated and accessible by staff			

### Illicit Discharge Detection and Elimination

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)	
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008						
D6.a	Staff training		x	x	x	x	Train agency staff on the administrative process for the illicit discharge screening and investigations program	Annual training records - Use a pre- and post-training survey to develop effectiveness reference	Following the administrative process will help control the discharge of pollutants to the storm drain	Environmental Health & Dept. of Transportation	Environmental Health & Dept. of Transportation
D6.b			x	x	x	x	Annually train appropriate staff to recognize illicit discharges and the procedures for responding to these discharges	Annual training records - Use a pre- and post-training survey to develop effectiveness reference	Only rain down the storm drain	Environmental Health & Dept. of Transportation	Environmental Health & Dept. of Transportation
D7.a	Develop maps of outfalls in urbanized areas and document existing dischargers		x				Collect all existing information on outfalls and map it	Information compiled	Final outfall map will assist in locating all the outfalls	Dept. of Transportation	Dept. of Transportation
D7.b			x				Identify holes	Holes identified			
D7.c				x			Collect data to fill in data gaps	Data gaps filled			
D7.d				x	x		Draw final map	Final outfall map completed			

### Construction Site Runoff Control

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
E1.a	Evaluate existing ordinance for needed changes, update as needed		x				Assess Chapter 9 and Chapter 31 for compliance with Phase 2	Assessment completed with recommendations.	Sediment	Implementers	Planning & Building Division
E1.b			x				Review other agencies' ordinances	Assessment completed with recommendations.		Implementers	
E1.c			x	x			Use existing workgroups to Identify needed changes to County Ordinance	Workgroups reports on needed changes		Implementers	
E1.d			x	x			Get public input on proposed ordinance changes	Propose to Water Agency and Ag Advisory Committees, receive minutes		Public	
E1.e					x		Draft new ordinance language	Working draft of proposed ordinance		Implementers	
E1.f					x	x	Adopt Ordinance changes, if needed	Board of Supervisors approval of ordinance changes		Board of Supervisors	
E2.	Draft training materials		x				Develop training material for inspectors and plan checkers	Completed training material ready for use	Sediment	Implementers	Planning & Building Division
E3.	Train Inspectors & Plan Checkers		x	x	x	x	Provide background/overview for Inspectors regarding the new SWMP	Annual Training with the last year providing them a final draft of the SWMP		Inspectors & plan checkers	
E4.	Field Inspection of BMPs	x	x	x	x	x	Include inspections for erosion and sediment controls	Add erosion control sign off's on Building permit inspection cards		Permittees	
E5.	Plan review for BMPs						Continue plan review on new development and redevelopment projects for erosion and sediment controls	Plan check comments provided, permit issued	Installation and maintenance of erosion and sediment controls are necessary to significant reduce erosion	Permittees	
		x	x	x	x	x					

### Construction Site Runoff Control

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
E6.	Draft contractor/public informational materials		x				Create a handout for building/grading permit applicants which details need for erosion controls	Flyer created	Sediment	Permittees	
E7.	Contractor/public informational materials distributed		x	x	x	x	Flyer included in permit application package	Package given to each applicant			

**Post Construction Runoff Control**

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)	
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008						
F1.a	Evaluate existing ordinance for needed changes, update as needed		x			Assess Chapter 26 and Chapter 31 for compliance with Phase 2	Assessment completed with recommendations	Sediment or other pollutants of concern	Implementers	Planning and Building Division	
F1.b			x			Review other agencies' ordinances	Provide a report on recommended additions used by other agencies				
F1.c			x	x		Use existing workgroups to Identify needed changes to County Ordinance	Workgroups report on needed changes				
F1.d			x	x	x	Get public input on proposed ordinance changes	Propose to Water Agency and Ag Advisory Committees, receive minutes				Public
F1.e			x	x	x	Draft new ordinance language	Working draft of proposed ordinance				Implementers
F1.f			x	x	x	Adopt Ordinance changes	Board of Supervisors approval of ordinance changes				Board of Supervisors
F2.	Re-train Inspectors & Plan Checkers		x	x	x	x	Provide annual training program on proper inspection, plan checking, and maintenance of structural controls, BMPs, and record keeping, including overview program	Annual Training records, with final SWMP provided in 2007-2008	Inspectors	Building Division	
F3.	Field Inspection of BMPs	x	x	x	x	x	Continue inspections for post construction BMPs	Add sign off's on building permit inspection cards	Permittees		

### Post Construction Runoff Control

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
F4.	Plan review for BMPs	x	x	x	x	x	Continue plan review on new development and redevelopment projects for post construction BMPs	Provide plan comments, permit issued	Installation and maintenance of erosion and sediment controls are necessary to significant reduce erosion	Permittees	
F5.	Evaluate reduction of impervious surfaces in new developments and redevelopments			x	x	x	Promote swales or filter strips to be installed to drainages	Include impervious surface reduction discussion in the County's Flood Hazard Awareness Program. Ordinance changes (if needed) may provide builder incentive for limited imp. surfaces (no imp. surf. = no permit)	Sediments, oil and grease, trash, fertilizer and pesticides. Reduce polluted discharge into the storm drain system	Developers and architects.	Building Division and Dept of Transportation
F6.	Provide roadside vegetative buffers	x	x	x	x	x	Require shoulder buffers between road and roadside drainage in new roads	All new roads constructed with shoulder buffers, documented		Developers and Implementers	
F7.a	Compile list of BMPs		x				Assess current list of BMPs in Solano County Erosion Control Handbook	Report on list current BMPs	Prompt inspection and maintenance of structural controls will reduce discharge of polluted water into the storm drain system and help comply with SWMP	Implementers	
F7.b			x				Review other agencies' BMPs	Report on list of agency BMPs			
F7.c			x	x			Use workgroup to recommend BMP types, including networking with other Phase I/II municipalities	Workgroup report on needed changes			
F7.d				x			Update Solano County Erosion Control Handbook	List of approved BMPs goes into the handbook			
F7.e				x			Create public handout regarding post construction BMPs	Handout to new permittees			Public

**Post Construction Runoff Control**

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
F8.	Identify all storm water controls operated by the County		x	x			Locate, map, photograph and describe the site conditions of the structural controls. Group the different storm water controls with their respective BMPs in a final report	Completed report	Prompt inspection and maintenance of structural controls will reduce discharge of polluted water into the storm drain system and help comply with SWMP	Implementers	
F9.	Develop inspection and maintenance schedule		x				Develop an inspection and maintenance schedule to maximize efficiency and minimize labor requirements	Completed inspection and maintenance schedule			
F10.	Implement schedule			x	x	x	Inspect and maintain structural controls according to implementation schedule	Check records quarterly to ensure compliance	Prompt inspection and maintenance of structural controls will reduce discharge of polluted water into the storm drain system and help comply with SWMP	Implementers	Building Division and Dept of Transportation

### Pollution Prevention/Good Housekeeping

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
G1. Assess existing program for adequacy		x				Review existing operations and maintenance programs for adequacy	Assessment completed with list of recommendations for improvement	Oil and grease, metals garbage, fertilizer, dirt, and leaves.	Implementers	Department of Transportation
G2. Create a street road cleaning plan		x				Determine street sweeping needs and create a plan to address when its appropriate	Plan created with G1 guidance		DOT Maintenance Crews	
G3. Clean streets/roads	x	x	x	x	x	Continue street/road cleaning with guidance from G2.	Intermittent supervisory inspection		DOT Maintenance Crews	
G4. Create an erosion control plan for drainage maintenance		x				Determine appropriate BMPs used to control erosion for drainage maintenance work, create a plan	Plan created with G1 guidance		DOT Maintenance Crews	Department of Transportation & Environmental Health
G5. Provide erosion control maintenance	x	x	x	x	x	Continue erosion control maintenance with guidance from G4.	Intermittent supervisory inspection		DOT Maintenance Crews	
G6. Assess the spill response plan for the Corp Yards, update as needed		x				Create a plan to respond and clean up spills	Plan created with G1 guidance		DOT Maintenance Crews	
G7. Abate abandoned and inoperable vehicles	x	x	x	x	x	Continue existing abatement program	Tally number of vehicles abated each year		Implementers	Code Enforcement
G6.a Keep records		x	x	x	x	Develop and use forms to report drainages maintained, areas swept, and vehicles abated	Review records quarterly to ensure the information is recorded	DOT Maintenance Crews and Code Enforcement	DoT and Code Enforcement	
G6.b		x	x	x	x	Develop and use form to track areas where spills are reported.	Review records quarterly to ensure the information is recorded		Department of Transportation & Environmental	

### Pollution Prevention/Good Housekeeping

Activity/Best Management Practices		Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
G7.	Provide education and training		x	x	x	x	Train maintenance staff on erosion control, how to report illicit discharges, and maintain records	Annual training records		DOT Maintenance Crews	Department of Transportation



**AGENDA SUBMITTAL TO SOLANO COUNTY BOARD OF SUPERVISORS**

<b><u>SUBJECT</u></b> Presentation of Solano County's Storm Water Management Plan in compliance with the National Pollutant Discharge Elimination System (NPDES) Phase II; receive public comment and approve the Storm Water Management Plan.		<b>BOARD MEETING DATE</b>  April 13, 2004	<b>AGENDA NUMBER</b>
<b>Dept:</b>	<b>Environmental Management</b>	<b>Supervisorial District Number</b> All	
<b>Contact:</b>	<b>Matt Tuggle, Civil Engineer, Building Division</b>		
<b>Extension:</b>	<b>6765</b>		
<b>Noticed/Public Hearing Required?</b>		<b>Yes <u>X</u></b>	<b>No _____</b>

**DEPARTMENTAL RECOMMENDATION:**

The Department of Environmental Management recommends that the Board of Supervisors:

1. Hear a presentation by staff regarding the preliminary approval by the Regional Water Quality Control Board of Solano County's National Pollutant Discharge Elimination System (NPDES) Storm Water Management Plan (SWMP).
2. Receive public comment and approve the Storm Water Management Plan (SWMP) as an appropriate plan to improve the storm water quality of Solano County through March 2008.

**SUMMARY:**

On March 19, 2004 the Bay Area Regional Water Quality Control Board provided preliminary approval to Solano County's Storm Water Management Plan (SWMP). The preliminary approval of the County's SWMP starts with a 60-day review and appeal period during which a member of the public can request a public hearing by the RWQCB. If no appeal is submitted to the RWQCB by May 18, 2004, then Solano County's SWMP will be officially approved and the County's NPDES permit coverage will begin. As part of the 60-day review and appeal period, the Department of Environmental Management (DEM) has sent notices and performed a press release to advise the public of the availability of the plan. DEM is presenting the SWMP to the Board of Supervisors to provide public notice, as well as receive the approval of the Board of Supervisors on the content of the SWMP. The RWQCB approved draft of the County's SWMP is Attachment #1.

**FINANCING:**

The preparation of a SWMP and the application for an NPDES permit from each of the two Regional Water Quality Control Boards is an unfunded state mandate at this time. The initial cost to prepare the plan and file for permits has been born by the Department of Environmental

Management (DEM) as a net County cost to the general fund. The Department paid \$3,000.00 in permit fees in August 2003 and has used existing staff resources to assemble, review, and present the SWMP. Legal review has been provided by County Counsel. The Department of Transportation (DOT) provided staff resources for discussion and review of the SWMP.

The known ongoing costs of Solano County's required compliance with the NPDES will include two permit fees paid annually to each Regional Water Quality Control Board for a total of \$3,000.00. These fees may potentially increase as much as 50% within the next two years. In addition, there will be County staff time for DEM, County Counsel, and DOT to oversee and implement the program described in the SWMP. Staff time will be required for ordinance revisions, storm water management plan accounting, training, inspection, and annual report generation. After DEM gains a greater understanding of the staff time involved with the SWMP, future discussions with the Board will be undertaken to assess the potential for a full or part-time position to administer the SWMP. Some of the cost of the SWMP is proposed to be offset with revised plan check and inspection fees collected from applicants subject to the additional SWMP requirements. The cost of potential water quality testing mandated by July 1, 2008 is unknown at this time.

## **DISCUSSION:**

### **Background:**

In 1987, Congress amended the Federal Clean Water Act to require the implementation of the Act through a comprehensive national program for addressing pollutants in storm water runoff in two phases. Phase I required National Pollutant Discharge Elimination System (NPDES) permits for: A) all municipalities with storm water runoff discharge from large municipalities of 100,000 persons or more, B) construction projects that disturb 5 or more acres of land, and C) certain categories of industries. In 1999, the U.S. Environmental Protection Agency promulgated regulations to implement Phase II of the Act, which requires NPDES permits from: designated counties and small municipalities (less than 100,000 persons) and construction projects that disturb between one and five acres. Solano County was designated a Phase II municipality by U.S. EPA because it has urbanized areas, as defined by the U.S. Census.

From November 2002 through February 2003, staff from DEM negotiated with RWQCB staff in an effort to seek an exemption for Solano County from the NPDES requirement. On March 4, 2003, DEM provided a presentation to the Board of Supervisors outlining the NPDES program and its requirements. At this presentation, the Board directed DEM staff to submit the minimum NPDES application requirements to the RWQCB, but to continue to seek an exemption. In July 2003, the RWQCBs required Solano County (including all other non-complying agencies) to submit full application with fees. DEM staff complied with the state order and submitted the first draft of Solano County's SWMP with fees on August 8, 2003.

### **What does the National Pollutant Discharge Elimination System Require:**

The NPDES program requires an agency, in this case Solano County, to design, implement, and enforce a Storm Water Management Plan (SWMP). The plan must be appropriate for its

jurisdiction, reduce the discharge of pollutants to the maximum extent practicable, and protect water quality. The SWMP must include the following to meet the minimum NPDES requirements:

1. Public Education and Outreach
2. Public Involvement
3. Illicit Discharge Detection and Elimination.
4. Construction Site Storm Water Runoff Control
5. Post-Construction Storm Water Management in New Development and Redevelopment
6. Pollution Prevention/Good Housekeeping for Municipal Operations

Summaries of these six elements are located in Section 5 of the SWMP (See Attachment #1).

Solano County's Storm Water Management Plan:

The County's storm water management plan describes the ordinances and policies already in place to protect storm water, as well as details the County's actions, through year 2008, to bring Solano County into full compliance with NPDES Phase II. The following existing County ordinances provide the backbone for NPDES compliance:

- A. Drainage and Land Leveling, Chapter 9. Ordinance which provides standards, permitting, and enforcement of projects which change the topography and drainage of land. Typically applies to agricultural land leveling.
- B. Refuse and Garbage, Chapter 23. Ordinance which provides standards, fees, permitting, and enforcement for garbage storage and collection by the public, commercial facilities, and permitted dump sites.
- C. Litter Control Program, Chapter 23.5. Ordinance which provides standards against and enforcement of littering caused by the public, vehicles, construction, or commercial facilities.
- D. Roads, Streets, and Other Public Property, Chapter 24. Ordinance which provides standards, permitting, and enforcement of encroachments into the County road rights-of-ways (including roadside drainage projects), use of prisoner labor on public works projects, and traffic reduction.
- E. Pumping and Sewage Disposal, Chapter 25. Ordinance which provides standards, permitting, and enforcement of chemical toilets, septic tanks and leach fields, waste pumping trucks, biosolids disposal, and industrial wastewater disposal.
- F. Subdivision Ordinance, Chapter 26. Ordinance which provides standards and permitting for the subdivision of land, supplementing the requirements of the Solano County General Plan and California's Subdivision Map Act.
- G. Grading and Erosion Control, Chapter 31. Ordinance which provides standards, permitting, and enforcement for controlling soil erosion, sedimentation, storm water runoff, and environmental damage associated with construction and maintenance of fills, excavations, and clearing of vegetation.
- H. Solano County Road Improvement Standards (adopted June 12, 2001). Regulations which provide standards for construction of public and private roads and drainage facilities, conditions applicable to Use Permitting, and conditions applicable to subdivisions of land.

- I. Certified Unified Program Agency. Solano County's Hazardous Materials Division performs storm water inspections as part of their mandated Certified Unified Program Agency (CUPA) inspections at facilities storing and managing hazardous materials and hazardous wastes and underground storage tanks. During these inspections the hazardous materials staff is mandated to inspect storm drains for evidence of improper disposal of hazardous materials and hazardous wastes and address management practices that could cause discharges to storm drains.

The goals listed in Section 6 of the SWMP detail the steps staff will take to meet full NPDES compliance. These steps include program assessment, training, ordinance revision, addition plan check and inspection, as well as annual reporting on goal compliance. Also included in the County's SWMP are lists of the impaired water bodies, as noted by the Federal 303d listings, and their pollutants of concern.

#### Approval Process for Solano County's Storm Water Management Plan:

On August 8, 2003, Solano County submitted a proposed SWMP, which began an iterative submittal and review process of the SWMP with the RWQCB. On March 19, 2004 the Regional Water Quality Control Board provided preliminary approval to the latest draft of Solano County's NPDES Storm Water Management Plan. This approval starts a 60-day review and appeal period during which a member of the public can request a public hearing by the RWQCB. The RWQCB sent notice of the approval to the State Water Resources Control Board, as well as to all permitted jurisdictions within the RWQCB. If no appeal is submitted to the RWQCB by May 18, 2004, then Solano County's SWMP will be officially approved and the County's NPDES permit coverage will begin. As part of the 60-day review and appeal period, the local agency (Solano County) is expected to provide local public notice of the SWMP. D.E.M. has sent notice and copies of Solano County's SWMP to each library (7), to the CAO, to the Board members and County Clerk, as well as noticed the 3 major newspapers of Vacaville, Fairfield, and Vallejo. The proposed SWMP is included as Attachment #1.

Once Solano County receives an NPDES permit for its SWMP, a timetable begins with requirements for annual compliance with measurable goals. Goals established include annual SWMP review and revision, supporting ordinance review and revision, staff training, policy changes, additional plan check and inspection, as well as full annual reports on progress provided to the Board of Supervisors and each RWQCB. The measurable goals with timelines are included in Section 6, Monitoring and Evaluation, of Solano County's SWMP.

#### ALTERNATIVES:

The Board of Supervisors could choose to:

1. Approve the proposed draft of Solano County's Storm Water Management Plan. This is recommended by the staff of Environmental Management.
2. Direct staff to revise the Storm Water Management Plan. This option is not recommended at this time, because any revisions which do not exceed the minimum requirements established by

the RWQCB may result in a failure to obtain a state approved NPDES permit. However, the plan requires annual review, with future revisions and updates anticipated (revisions could be considered in fiscal year 2004/2005).

**OTHER AGENCY INVOLVEMENT:**

Two Regional Water Quality Control Boards have reviewed and preliminarily approved of Solano County's SWMP. RWQCB Region 5's (Central Valley) jurisdictional boundaries are approximately the northern 1/2 of Solano County. RWQCB Region 2's (San Francisco) jurisdictional boundaries are approximately the southern 1/2 of Solano County. The staff from DEM, DOT, and County Counsel were involved in review and revisions of the draft prior to submittal to the state in August. A copy of the Storm Water Management Plan was placed on file in each of the County libraries, with the Clerk of the Board, at DEM, and it is available on the Regional Water Quality Control Board website at [http://www.swrcb.ca.gov/stormwtr/sm\\_municipal\\_swmp.html](http://www.swrcb.ca.gov/stormwtr/sm_municipal_swmp.html). Copies of the proposed SWMP were distributed to the Board of Supervisors in advance of this staff report. A presentation to the Agricultural Advisory Committee is scheduled for their April meeting and notice of availability of the plan to other interested parties has been done as part of the public notice for public comment.

**CAO RECOMMENDATION:**

**DEPARTMENT HEAD SIGNATURE:**

---

Birgitta E. Corsello  
Department Head

Attachments:

1. Solano County's Storm Water Management Plan

# Solano County's National Pollutant Discharge Elimination System (NPDES) Phase II Permit

Public Noticing on Solano County's Storm  
Water Management Plan for 2003-2008



Department of Environmental  
Management  
April 13, 2004

# History of the NPDES

- Legal mandate by the Federal Clean Water Act of 1987
- NPDES is implemented federally by EPA, and in California by the California State Water Resources Control Board (SWRCB) and the Regional Water Quality Control Boards (RWQCB)
- Requires implementation of a two phase program to keep federal waterways clean of pollutants introduced by storm water runoff

# What does NPDES Phase II do?

- Addresses 'non-point source' pollution
- Requires designated counties and small municipalities (less than 100,000 persons) to implement and enforce a program designed to clean up discharges to waters of California and the U.S.
- Requires designated counties and small municipalities to begin implementation of the program as well as apply for permit coverage and submit a Storm Water Management Plan by March 10, 2003
- Requires construction projects that disturb more than 1 acre to apply for coverage

# Why did Solano County submit for National Pollutant Discharge Elimination System Phase II?

- DEM fought it, but lost...
  - Urbanized Areas defined by the U.S. Census triggered our requirement
  - Impaired water bodies are a secondary trigger
- Submitted an application with existing County Ordinance protecting storm water quality, by the deadline of March 10, 2003
- Through debate and revision with staff from RWQCB Region 2, the current SWMP draft was approved by the RWQCB's from both Region 2 and 5

# Storm Water Management Plan (SWMP)

- This is the County's game plan to satisfy the NPDES Phase II requirements by year 2008
- Currently in a 60-day public noticing period (ending May 18, 2004)
- The Good News: Solano County already has many of the SWMP elements in place

# Responsible Agencies

- Regional Water Quality Control Boards (RWQCBs) provide oversight
- Department of Environmental Management (DEM) is the lead agency to implement and enforce most of the Storm Water Management Plan (SWMP) for new development and redevelopment projects in Unincorporated County
- Department of Transportation would implement operations and maintenance programs, as well as follow the Storm Water Management Plan
- Other government agencies doing work within the Unincorporated County are exempt from permitting, but are required to follow our ordinances and standards

# What an NPDES Phase II Program Permit Requires

- An outline of the program structure
  - 5 year plan for implementation, must be fully implemented by 2008
  - Designate staff and staffing duties
  - Local ordinance provisions with legal authority & enforcement procedures
  - Detail the funding mechanism

# What an NPDES Phase II Program Requires (Cont'd)

- Public involvement, education, and outreach
  - Requires active public involvement in the development and implementation of the program
  - Requires distribution of educational materials to the community
  - Requires outreach activities about the impacts of polluted storm water discharges

# What an NPDES Phase II Program Requires (Cont'd)

- Identify pollutants of concern:
  - Determine pollutants causing impairments of waterways and water bodies
    - Pesticides, sediment, temperature, suspended solids, etc.
  - Assess sources of the pollutants
  - No testing currently required for non-impaired waterways or water bodies

# What an NPDES Phase II Program Requires (Cont'd)

- Illicit discharge detection and elimination
  - Implement a program to detect and eliminate illicit discharges
  - Adopt an ordinance which prohibits non-storm water discharges (“to the extent allowable by State and local law”)
  - Implement appropriate enforcement procedures and actions for illicit discharges

# What an NPDES Phase II Program Requires (Cont'd)

- Construction site storm water runoff control
  - Require erosion and sediment controls
  - Require construction site waste controls
  - Implement procedures for plan review for storm water elements
  - Implement a response system for complaints
  - Implement an inspection and enforcement system

# What an NPDES Phase II Program Requires (Cont'd)

- Post construction storm water management
  - Require projects to implement long-term storm water controls
  - Develop a list of accepted storm water controls
  - Require redevelopment projects disturbing one acre or greater to meet storm water control requirements
  - Ensure adequate long-term operation and maintenance of storm water controls

# What an NPDES Phase II Program Requires (Cont'd)

- Good housekeeping for municipal operations
  - Implement an operation and maintenance program to prevent polluted runoff from municipal facilities
  - Implement employee training programs which address polluted runoff from work facilities or areas

# What an NPDES Phase II Program Requires (Cont'd)

- Monitoring and evaluation
  - Include how each part of the program will be evaluated for effectiveness
  - Establish measurable goals for success
  - Submit annual reports to RWQCB's regarding evaluations
  - No testing required at this time, but recommended for evaluation of effectiveness

# Example from the Public Participation Measurable Goal Chart

Activity/Best Management Practices	Begin Implementation					Implementation Plan	Quantifiable Target/Evaluation Tool	Message(s)/Pollutants Addressed	Targeted Audience(s)	Implementer(s)
	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008					
C1. Assess the value/purpose of a Citizens' Advisory Committee	x	x				Solicit BOS for potential of a Citizens Advisory Committee, proceed if reasonable	Report of meeting minutes	Help control the discharge of pollutants into the storm drain	Public	Department of Environmental Management
C2.a Public review of Storm Water Management Plan	x	x	x	x		Solicit written comments on Storm Water Management Plan from BOS, public advisory	Comments provided in writing and meeting minutes	Help control the discharge of pollutants into the storm drain	Public	
C2.b	x	x	x	x		Invite public to comment on Stormwater Management Plan as required by State and local public notice requirements	SWMP noticed for public review			
C2.c	x	x	x	x		Respond to comments	Response to comments			
C2.d		x	x	x	x	Revise Storm Water Management Plan based on comments	Final Storm Water Management Plan			
C3. Public Clean-up days	x	x	x	x	x	Continue trash cleanup of local creeks and waterways	Track participation and determine pounds of trash collected	Keep creeks and waterways clean		

# What are the Costs of the Program?

1. Annual submittal of fees to the RWQCBs
  - Currently \$3,000.00 per year, though expected to rise
2. Staff time involved in SWMP accounting, ordinance revisions, training, annual reports
  - Involves staff from Building Division, Planning Division, Hazardous Materials Division, and Department of Transportation
  - For Year 1 – Use existing staff
  - For Year 2 and beyond, the County will need to assess the potential need for a dedicated full or part time Storm Water Coordinator, as well as the potential for cost recovery
3. Possibility of future water quality testing requirements (costs unknown)

# Where Do We Go From Here?

- If we get approval on May 18, 2003 by the RWQCBs, we will have an official game plan to develop and implement a sound Storm Water Management Plan by 2008